

For receiving rice use only	٠.,
International Application No.	
International Filing Date	
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Name of receiving Office and "PCT International App	lication"

REQUEST The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty. Applicant's or agent's file reference 1511 (if desired) (12 characters maximum) TITLE OF INVENTION THERAPEUTIC AGENTS FOR HORMONE-DEPENDENT CANCER Box No. II APPLICANT This person is also inventor Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.) Telephone No. 03-3282-0036 Facsimile No. KYOWA HAKKO KOGYO CO., LTD. 03-3282-1527 6-1, Ohtemachi 1-chome, Chiyoda-ku, Tokyo Teleprinter No. 100-8185 Japan Applicant's registration No. with the Office State (that is, country) of nationality: State (that is, country) of residence: JP JP This person is applicant all designated States all designated States except the United States of America the United States of America only the States indicated in the Supplemental Box for the purposes of: FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S) Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.) This person is: applicant only SHIOTSU Yukimasa applicant and inventor c/o Pharmaceutical Research Institute inventor only (If this check-box KYOWA HAKKO KOGYO CO., LTD. is marked, do not fill in below.) 1188, Shimotogari, Nagaizumi-cho, Sunto-gun Applicant's registration No. with the Office Shizuoka 411-8731 Japan State (that is, country) of nationality: State (that is, country) of residence: JΡ JP. This person is applicant for the purposes of: all designated States all designated States except the United States of America the United States of America only the States indicated in the Supplemental Box Further applicants and/or (further) inventors are indicated on a continuation sheet. Box No. IV AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as: common representative agent Name and address: (Family name followed by given name; for a legal entity, full official designation.

The address must include postal code and name of country.) Telephone No. Facsimile No. Teleprinter No. Agent's registration No. with the Office Address for correspondence: Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent.

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Sheet No.	2	 -	•	

Continuation of Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)				
If none of the following sub-boxes is used, this sheet should not be included in the re-	quest.			
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)	This person is:			
ISHIDA Hiroyuki	applicant and inventor			
c/o Pharmaceutical Research Institute KYOWA HAKKO KOGYO CO., LTD.	inventor only (If this check-box			
1188, Shimotogari, Nagaizumi-cho, Sunto-gun,	is marked, do not fill in below.)			
Shizuoka 411-8731 Japan	Applicant's registration No. with the Office			
State (that is, country) of nationality: JP State (that is, country) JP) of residence:			
This person is applicant for the purposes of: all designated States except the United States of America	the United States of America only the States indicated in the Supplemental Box			
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this	This person is:			
Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)	applicant only			
MURAKATA Chikara c/o Pharmaceutical Research Institute	applicant and inventor			
KYOWA HAKKO KOGYO CO., LTD.	inventor only (If this check-box is marked, do not fill in below.)			
1188, Shimotogari, Nagaizumi-cho, Sunto-gun Shizuoka 411-8731 Japan	Applicant's registration No. with the Office			
State (that is, country) of nationality: State (that is, country) JP) of residence:			
This person is applicant for the purposes of: all designated States except the United States of America	the United States of America only the States indicated in the Supplemental Box			
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)	This person is:			
KUSAKA Hideaki	applicant and inventor			
c/o Pharmaceutical Research Institute KYOWA HAKKO KOGYO CO., LTD.	inventor only (If this check-box			
1188, Shimotogari, Nagaizumi-cho, Sunto-gun	is marked, do not fill in below.)			
Shizuoka 411-8731 Japan	Applicant's registration No. with the Office			
State (that is, country) of nationality: JP State (that is, country) JP) of residence:			
	the United States of America only the States indicated in the Supplemental Box			
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)	This person is:			
AKINAGA Shiro	X applicant and inventor			
c/o Head Office, Kyowa Hakko Kogyo Co., Ltd.	inventor only (If this check-box			
6-1, Ohtemachi 1-chome, Chiyoda-ku, Tokyo 100-8185 Japan	is marked, do not fill in below.)			
	Applicant's registration No. with the Office			
State (that is, country) of nationality: JP State (that is, country) JP	of residence:			
This person is applicant for the purposes of: all designated States except the United States of America	the United States of America only the States indicated in the Supplemental Box			
Further applicants and/or (further) inventors are indicated on another continuation sheet.				

Box No. V DESIGNATION OF STATES Mark the applicable check-boxes below; at least one must be marked. The following designations are hereby made under Rule 4.9(a): Regional Patent A P ARIPO Patent: GH Ghana, GM Gambia, KE Kenya, LS Lesotho, MW Malawi, MZ Mozambique, SD Suda SL Sierra Leone, SZ Swaziland, TZ United Republic of Tanzania, UG Uganda, ZM Zambia, ZW Zimbabwe, and any other State which is a Contracting State of the Harare Protocol and of the PCT (if other kind of protection or treatment desire specify on dotted line). E A Eurasian Patent: AM Armenia, AZ Azerbaijan, BY Belarus, KG Kyrgyzstan, KZ Kazakhstan, MD Republic of Moldow RU Russian Federation, TJ Tajikistan, TM Turkmenistan, and any other State which is a Contracting State of the Eurasi Patent Convention and of the PCT (in the PCT Republic, DE Germany, DK Denmark, EE Estonia, ES Spain, FI Finland, FR France, GB United Kingdom, GR Gree IE Ireland, IT Italy, LU Luzembourg, MC Monaco, NL Netherlands, FT Fortuga, IS Eweden, SK Slovakia, TT urkrey, a any other State which is a Contracting State of the European Patent Convention and of the PCT (in the P			Sheet No3	
Regional Patent M AP ARIPO Patent: GH Ghana, GM Gambia, KE Kenya, LS Lesotho, MW Malawi, MZ Mozambique, SD Suda SL Sierra Leone, SZ Swaziland, TZ United Republic of Tanzania, UG Uganda, ZM Zambia, ZW Zimbabwe, and any out State which is a Contracting State of the Harare Protocol and of the PCT (ff other kind of protection or treatment desire specify on dotted line). EA Eurasian Patent: AM Armenia, AZ Azerbaijan, BY Belarus, KG Kyrgyzstan, KZ Kazakhstan, MD Republic of Moldon RU Russian Federation, TJ Tajikistan, TM Turkmenistan, and any other State which is a Contracting State of the Eurasi Patent Convention and of the PCT E P European Patent att AT Austria, BE Belgium, BG Bulgaria, CH & LI Switzerland and Liechtenstein, CY Cyprus, CZ Cze Republic, DE Germany, DK Denmark, EE Estonia, ES Spain, FI Finland, FR France, GB United Kingdom, GR Gree IE Ireland, TI Italy, LU Luxembourg, MC Monaco, NL Netherlands, FT Forugal, SE Sweden, SK Slovakia, TR Turkey, a any other State which is a Contracting State of the European Patent Convention and of the PCT E O A OAPI Patent: BF Burkina Faso, BJ Benin, CF Central African Republic, CG Congo, CI Cod 'Ivoire, CM Cameroc GA dabon, CN Guicea, GQ Equatorial Guinea, GW Guinea-Bissau, ML Mali, MR Mauritania, NE Niger, SN Senge TD Chad, TC Togo, and any other State which is a member State of OAPI and a Contracting State of the PCT (If other kind of protection or treatment desired, specify on dotted line): M AE United Arab Emirates M AG Antigua and Barbuda E HU Hungary M PH Philippines M AL Albania M AL Albania M HU Hungary M PH Philippines M AL Albania M AL Austria M II Indonesia M AC Arestanian M C Do MO Oman M Armenia M AL Austria M II Indonesia M A Austria M II Indonesia M A C Arestanian M R C So Singapore M KR Kenya	Box No.	V DESIGNATION OF STATES	Mark the applicable check-boxes below; a	at least one must be marked.
AP ARIPO Patent: GH Ghana, GM Gambia, KE Kenya, LS Lesotho, MW Malawi, MZ Mozambique, SD Suda SL Sierra Leone, SZ Swaziland, TZ United Republic of Tanzania, UG Uganda, ZM Zambia, ZW Zimbabwe, and any oti SL siter which is a Contracting State of the Harare Protocol and of the PCT (if other kind of protection on reatment desired, specify on dotted line) EA Eurasian Patent: AM Armenia, AZ Azerbaijan, BY Belarus, KG Kyrgyzstan, KZ Kazakhstan, MD Republic of Moldon RU Russian Federation, Ta Tajikkistan, TM Turkmenistan, and any other State which is a Contracting State of the Eurasi Patent Convention and of the PCT EX PE European Patent: AT Austria, BE Belgium, BG Bulgaria, CH & LI Switzerland and Liechtenstein, CY Cyprus, CZ Cze Republic, DE Germany, DK Denmark, EE Estonia, ES Spain, FI Finland, FR France, GB United Kingdom, GR Greec Republic, DE Germany, DK Denmark, EE Estonia, ES Spain, TF Imman, France, GB United Kingdom, GR Greec Republic, DE Germany, DK Denmark, EE Estonia, ES Spain, TH Sindham, France, GB United Kingdom, GR Greec Republic, DE Germany, DK Denmark, EE Estonia, ES Spain, TE Spain, FI Finland, FR France, GB United Kingdom, GR Greec Republic, DE Germany, DK Denmark, EE Estonia, ES Spain, TE Spain, FI Finland, FR France, GB United Kingdom, GR Greec Republic, DE Germany, DK Denmark, EE Estonia, ES Spain, TE Spai	The follo	owing designations are hereby made u	nder Rule 4.9(a):	
S.I. Sierra Leone, S.Z. Swaziland, T.Z. United Republic of Tanzania, U.G. Uganda, Z.M. Zambia, Z.W. Zimbabwe, and any out State which is a Contracting State of the Harre Protocol and of the PCT (f other kind of protection or treatment desire specify on dotted line). E. E.A. Eurasian Patent: AM Armenia, AZ. Azerbaijan, BY Belarus, K.G. Kyrgyzstan, K.Z. Kazakhistan, M.D. Republic of Moldon R.U. Russian Federation, T.J. Tajikistan, T.M. Turkmenistan, and any other State which is a Contracting State of the Eurasi Patent Convention and of the PCT E. P. European Patent: AT Austria, B.E. Belgium, B.G. Bulgaria, C.H. & L.I. Switzerland and Liechtenstein, C.Y. Cyprus, C.Z. Cze Republic, D.E. Germany, D.K. Denmark, E.E. Estonia, E.S. Spain, F.I. Finland, F.R. France, B.D. United Kingdom, G.R. Greet I. Ireland, T.T. Italy, L.U. Luxmebourg, M.C. Monaco, N.I. Netherlands, P.P. Forugal, S.E. Sweden, S.K. Slovakia, T.R. Turkey, a any other State which is a Contracting State of the European Patent Convention and of the PCT E. OA. OAPI Patent: B.F. Burkins Faso, B.D. Benin, C.F. Central African Republic, C.G. Congo, C.I. Côte of 'Ivoire, C.M. Cameroo G.A. Gabon, G.N. Guinea, G.Q. Equatorial Guinea, G.W. Guinea-Bissau, M.L. Mali, M.R. Mauritania, N.E. Niger, S.N. Seneg T.D. Chad, T.G. Togo, and any other State which is a member State of OAPI and a Contracting State of the PCT (f other kind of protection or treatment desired, specify on dotted line): E. A.E. United Arab Emirates. E. A.G. G.M. Gambia E. A.G. Antigua and Barbuda E. A.G. Anti	Regiona	al Patent		
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Precautionary Designation Statement: In addition to the designations made above, the applicant also makes under Rule 4.9(b) all other designations which would be permitted under the PCT except any designation(s) indicated in the Supplemental Box as being excluded from the scope of this statement. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit. (Confirmation (including fees) must reach the receiving Office within the 15-month time limit.)

Arab Republic of Egypt

Republic of Nicaragua

Sheet	Nο	- 4

Box No. VI PRIORITY CLAIM						
The priority of the following earlier application(s) is hereby claimed:						
Filing date Number		Where earlier application is:				
of earlier application (day/month/year)	of earlier application	national application: country or Member of WTO	regional application:* regional Office	international application: receiving Office		
item (1) 09.10.02	Pat. Appln. 2002-295898	JP				
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Further priority claims	are indicated in the Suppleme	ntal Box.				
The receiving Office is requeif the earlier application was above as:	ested to prepare and transmit t filed with the Office which for	to the International Bureau the purposes of this internat	a certified copy of the e	earlier application(s) (only ecceiving Office) identified		
all items item (1) item (2)	item (3) item	(4) Item (5)	other, see Supplemental Box		
* Where the earlier application Industrial Property or one M	on is an ARIPO application, in ember of the World Trade Or	ndicate at least one country ganization for which that e	party to the Paris Conve arlier application was fil	ention for the Protection of led (Rule 4.10(b)(ii)):		
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Box No. VII INTERNAT	IONAL SEARCHING AUT	THORITY				
Choice of International Sea international search, indicate	rching Authority (ISA) (if the two	wo or more International Si- letter code may be used):	earching Authorities are	competent to carry out the		
ISA / . SF	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •			
International Searching Auth	• • • • • • • • • • • • • • • • • • • •	• •		t by or requested from the		
Date (day/month/year)	Numb	eer Coun	try (or regional Office)			
	· ·	·	•	·		
Box No. VIII DECLARA	TIONS	·				
The following declarations check-boxes below and indica	are contained in Boxes Nos. ate in the right column the num	VIII (i) to (v) (mark the ap nber of each type of declard	oplicable ation):	Number of declarations		
Box No. VIII (i)	Declaration as to the identit	y of the inventor		:		
Box No. VIII (ii) Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent:						
Box No. VIII (iii)	Box No. VIII (iii) Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application :					
Box No. VIII (iv)	Declaration of inventorship United States of America)	o (only for the purposes of	the designation of the	:		
Box No. VIII (v)	Declaration as to non-preju	idicial disclosures or excep	ptions to lack of novelty	: -		

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Sheet	N. T	
Sheet	NΩ	_

Box No. IX CHECK LIST; LANGUAGE OF FILING					
This international application contains: (a) the following number of	This international application is accompanied by the following item(s) (mark the applicable check-boxes below and indicate in right column the number of each item):	Number of items			
sheets in paper form: request (including	1. K fee calculation sheet	1			
declaration sheets) : 5	2. original separate power of attorney				
description (excluding sequence listing part) : 33	3. original general power of attorney	•			
sequence listing part) : 33	4. copy of general power of attorney; reference number,				
abstract : 1	if any:				
drawings : 3	5. statement explaining lack of signature				
Sub-total number of sheets: 48	6. priority document(s) identified in Box No. VI as item(s):				
sequence listing part of description (actual number of sheets if filed in paper	7. translation of international application into (language):				
form, whether or not also filed in computer readable form; see (b) below) : 0	8. separate indications concerning deposited microorganism or other biological material	•			
Total number of sheets : 48	9. sequence listing in computer readable form (indicate also type and number of carriers (diskette, CD-ROM, CD-R or other))	٠.			
(b) sequence listing part of description filed in computer readable form	(i) copy submitted for the purposes of international search under Rule 13ter only (and not as part of the international application)				
(i) only (under Section 801(a)(i))	(ii) (only where check-box (b)(i) or (b)(ii) is marked in left				
(ii) in addition to being filed in paper form (under Section 801(a)(ii)) Type and number of carriers (diskette,	column) additional copies including, where applicable, the copy for the purposes of international search under Rule 13ter.				
CD-ROM, CD-R or other) on which the sequence listing part is contained (additional copies to be indicated under item 9(ii), in	(iii) together with relevant statement as to the identity of the copy or copies with the sequence listing part mentioned in left column	1			
right column):	10. dother (specify): document providing record format, etc	•			
Figure of the drawings which should accompany the abstract:	Language of filing of the international application: Japanese	· · · · · · · · · · · · · · · · · · ·			
	T, AGENT OR COMMON REPRESENTATIVE ning and the capacity in which the person signs (if such capacity is not obvious from readin ISHIDA Hiroyuki KUSAKA Hideaki	ng the request).			
OUTOTOU V. I					
SHIOTSU Yukimasa	MURAKATA Chikara AKINAGA Shiro				
<u> </u>					
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Date of actual receipt of the purported international application:	2. Dra	ŭ			
Corrected date of actual receipt due to later timely received papers or drawings completithe purported international application:	out ·	eceived:			
4. Date of timely receipt of the required corrections under PCT Article 11(2):	no	ot received:			
5. International Searching Authority (if two or more are competent): ISA /	6. Transmittal of search copy delayed until search fee is paid				
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